GLOBAL OMEGA-3 SUMMIT 2012
Optimal Omega-3 Intake from Sustainable Sources

Ghent Marriott Hotel, Ghent, Belgium
Monday, April 23, 2012

The Global Omega-3 Summit 2012 is the follow-up of the successful policy summit of 2011, where six consensus statements were signed by all participants.

The Omega-3 Summit 2012 will build on these consensus statements and look at three themes:

1. How can optimized levels of Omega-3s be reached and for what specific health and mental health objectives? What are safe levels of use?
2. What is the difference of consuming sc- and lc-Omega-3s? How can all Omega-3s be made beneficial in healthy food and supplement products?
3. How can the supply of lc-Omega-3s such as obtained from fish and fish oil, or other new sources such as algae or vegetable sources be made more sustainable ad guarantee sufficient supply as needed to obtain the targets set in the consensus positions?

We welcome all stakeholders of the food, food ingredient and supplement industry, as well as scientists and researchers, and legislators and industry associations to join in the three debates at the Omega-3 Summit 2012.

Lead speakers:
- Michael A Crawford PhD, Professor, CBiol, FIBiol, FRC Path. Department Imperial College London
- Nigel Baldwin, Director, Scientific and Regulatory Consulting, Europe Intertek Cantox, U.K.
- Michel de Lorgeril MD, Professor, CNRS, France
- Fabien De Meester PhD, DM Frontiers, Belgium
- Adam Ismail, Executive Secretary, GOED Global Organization for EPA and DHA, U.S.A.
- Andrew Jackson PhD, Technical Director, IFFO International Fishmeal and Fish Oil Organisation, U.K.
- Mehar Manku, PhD, Chief Scientist, Amarin Neuroscience, U.K.
- Alexandra Richardson PhD, Professor, Oxford University, U.K.
- Norman Salem Jr. PhD, CSO, DSM Nutritional Lipids, U.S.A.
- René van Hoorn, MSC, Manager R&D, Bioriginal Food & Science Corp, Netherlands
- Clemens von Schacky, MD, PhD, Professor, Medical University Munich & Omegametrix, Germany
- Patrick Sorgeloos, PhD, Professor, Artemia Reference Centre, Ghent University, Belgium
- Robert Wolff, MSc, Process Technology, SINTEF Fisheries and Aquaculture, Norway

http://www.omega3summit.org
info@omega3summit.org

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## Program

**Monday, April 23, 2012: Optimized Omega-3 Intake from Sustainable Sources**

### Session 1: Optimizing Omega-3 Status and Use
**Chair:** Dr. Norman Salem, DSM Nutritional Lipids, U.S.A.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00</td>
<td>Omega-3 Index as Indicator for Omega-3 Status and Risk for CVD - Dr. Clemens von Schacky, University of Munich, Germany</td>
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<tr>
<td>10:30</td>
<td>Coffee Break &amp; Networking</td>
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<tr>
<td>11:00</td>
<td>Cardiovascular Disease: Is Cholesterol Innocent? - Dr. Michel de Lorgeril, CNRS, France</td>
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<tr>
<td>11:30</td>
<td>Fatty Acids and Mental Health and Performance: The Importance of Omega-3 for Behaviour, Learning and Mood - Dr. Alexandra Richardson, Oxford University, U.K.</td>
</tr>
<tr>
<td>11:50</td>
<td>Average Consumption Data and Safe Levels of Use for lc-Omega-3s - Mr. Nigel Baldwin, Intertek Cantox, U.K.</td>
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<tr>
<td>12:10</td>
<td>Debate session: Strategies for Increased use of lc-Omega-3s for Improving Health</td>
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<td>12:40</td>
<td>Lunch &amp; Networking</td>
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### Session 2: The Role of Different Omega-3 Fatty Acids
**Chair:** Prof. Clemens von Schacky, University of Munich, Germany

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<tr>
<th>Time</th>
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<tr>
<td>14:00</td>
<td>The Case for Intermediates: Alpha-Linolenic Acid (ALA), Eicosatetraenoic Acid (ETA) and Docosapentaenoic Acid (DPA) - Dr. Fabien Demeester, DM Frontiers, Belgium</td>
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<tr>
<td>14:15</td>
<td>Strategies for Optimizing endogenous EPA-DHA synthesis from ALA - Dr. Michel de Lorgeril, CNRS, France</td>
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<tr>
<td>14:30</td>
<td>Introducing Stearidonic Acid (SDA) as Valid Precursor for lc-Omega-3s - Mr. René van Hoorn, Bioriginal Food &amp; Science Corp, the Netherlands</td>
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<tr>
<td>14:45</td>
<td>Role and Benefits of Eicosapentaenoic Acid (EPA) - Dr. Mehar Manku, Amarin NeuroScience, U.K.</td>
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<tr>
<td>15:00</td>
<td>Omega-3 fatty acid metabolism and the requirement for preformed docosahexaenoic acid (DHA)- Dr. Norman Salem, DSM Nutritional Lipids, U.S.A.</td>
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<tr>
<td>15:15</td>
<td>Debate session: Strategies for Promoting Different Omega-3s for improving lc-Omega-3 Status</td>
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<tr>
<td>15:30</td>
<td>Coffee Break &amp; Networking</td>
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### Session 3: Sustainable Omega-3 Supply
**Chair:** Prof. Ronan Gormley, University College Dublin, Ireland

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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:00</td>
<td>Availability of Omega-3s in Food Products and Supplements - Mr. Adam Ismail, Executive Secretary, GOED Global Organization for EPA and DHA, U.S.A.</td>
</tr>
<tr>
<td>16:25</td>
<td>Valorisation of Fish and Fish Oil Products - Mr. Robert Wolff, Processing Technology, SINTEF Fisheries and Aquaculture, Norway</td>
</tr>
<tr>
<td>16:50</td>
<td>The Growing Demand for Novel lc-Omega-3 Supplies - Dr. Andrew Jackson, Technical Director, IFFO, U.K.</td>
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<tr>
<td>17:15</td>
<td>Debate session: Strategies for Optimizing Sustainable Omega-3 Supply</td>
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<tr>
<td>17:30</td>
<td>Wrap-up and Closure</td>
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Hotels

Ghent has plenty of hotels; downtown hotels are all walking distance from Ghent Marriott Hotel See also www.omega3summit.org

The **GLOBAL OMEGA-3 SUMMIT 2012** Optimal Omega-3 Intake from Sustainable Sources is designed for Leading Food Industry, Dietary Supplement and Food Ingredient Industry, Industry Associations and leading EU and global policy makers, as well as Industry Sectors involved with production of Fish Oil, and other sources of LC-Omega-3s and precursors thereof.

The program will
- Develop Industry and Government Recommendations for Improved Health by Improved Nutrition in a Sustainable way;
- Publish Position Statements
And will spread these to leading Food & Drinks Industry publications and web information services.

**Ghent Marriott Hotel**

Ghent, Belgium

Centrally located in Ghent, one of the most beautiful historic cities in Belgium, Europe. The Marriott hotel in Ghent is overlooking the Korenlei on the banks of the river Lys canal and brings new design to historic old buildings. The Ghent Marriott hotel blends historic treasures with the latest fashions and trends, just like the city.

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Phone: +32 92 339 393
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http://www.marriottghent.com

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**Ghent Marriott Hotel ******

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Web: http://www.marriottghent.com
Omega-3 Summit 2012
Optimized Omega-3 Intake from Sustainable Sources

Ghent Marriott Hotel, Ghent, Belgium, 23 April 2012
http://www.omega3summit.org - info@omega3summit.org

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E-mail
Reduction Code (*)
VAT registration (**)

**Registration** (Includes handouts, dinner, coffee & lunch breaks) (***)

<table>
<thead>
<tr>
<th></th>
<th>Regular Registration</th>
<th>Independent Medical Profession - Academics - Government Representatives</th>
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<tr>
<td></td>
<td>1045.00 EUR</td>
<td>595.00 EUR</td>
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(*) 100 EUR off for GOED and Naredi members
(“**”) VAT: Non-Belgian registrations are exempt from VAT except if registered at private title. 21% VAT has to be charged for private registrations and for all registrations of participants affiliated to Belgium-registered companies or institutions. 21% VAT will be charged for registrations made on behalf of EU companies or institutions not mentioning the VAT registration number.

Payment Information

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